

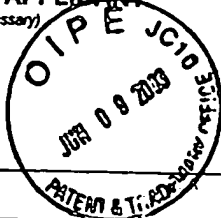
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US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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|                      |                   |
|----------------------|-------------------|
| Application Number   | 09/990635         |
| Filing Date          | November 21, 2001 |
| First Named Inventor | Hemasiri Vithana  |
| Gr up Art Unit       | 28712814          |
| Examiner Name        | Unknown           |

Sheet 1 of 1

Attorney Docket No: 4351-2US1

**US PATENT DOCUMENTS**

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|
| SN                 | US-5,490,003        | 02/06/1996       | Van Sprang, Hendrik A.                          | 359   | 63       | 10/21/1993                 |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials * | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T <sup>2</sup> |
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| SN                  | EP-0377757          | 07/18/1990       | Sonehara, Tomio, et al.                         | G02F  | 1/133    |                |
|                     | EP-0811870          | 12/10/1997       | Yang, Kei-Hsiung                                | G02F  | 1/139    |                |
|                     | EP-0985953          | 03/15/2000       | Yeung, Steve W., et al.                         | G02F  | 1/139    |                |
| SN                  | JP-11007020         | 01/12/1999       | Shinji, Shimada                                 |       |          |                |

**OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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| SN                  |                      | WU, SHIN-TSON, et al., "Bisector Effect on the Twisted-Nematic Cells", Japanese Journal of Applied Physics, Vol. 37(128), (12/15/98), L1497-L1500   |                |
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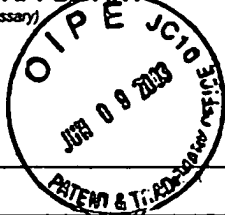
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Application Number 09/990635

Filing Date November 21, 2001

First Named Inventor Hemasiri Vithana

Gr up Art Unit 2871 2874

Examiner Name Unknown

Sheet 1 of 1

Attorney Docket No: 4351-2US1

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|                    | EP-0985953          | 03/15/2000       | Yeung, Steve W., et al.                         | G02F  | 1/139    |                |
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Sheet 1 of 1

Form 1449\*

Atty. Docket No.: 4351-2US1

Serial No. 09/990,635

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
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Applicant: Vithana

Filing Date: November 21, 2001

Group: Unknown

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| **EXAMINER<br>INITIAL    | DOCUMENT<br>NUMBER   | DATE              | NAME                  | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|--------------------------|----------------------|-------------------|-----------------------|-------|----------|-------------------------------|
| SC                       | 6,177,967 B1         | 1/23/01           | Pfeiffer et al.       |       |          | September 28, 1998            |
|                          | 5,585,948            | 12/17/96          | Petera                |       |          | February 22, 1995             |
|                          | 5,883,684            | 3/16/99           | Millikan et al.       |       |          | June 19, 1997                 |
| SC                       | 5,993,012            | 11/30/99          | Buchanan et al.       |       |          | September 29, 1998            |
| <del>NOT INITIALED</del> | <del>5,490,003</del> | <del>2/6/96</del> | <del>Van Sprang</del> |       |          | <del>October 21, 1993</del>   |

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|-----------------------|--------------------|------|---------|-------|----------|-----------------------|
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K.H. Yang, "LP-B: A Self-Compensated Twisted Nematic Mode For Reflective Light Valves", Euro Display, pp. 449-451, 1996.

Examiner

Date Considered

7/23/2004

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Form 1449\*

Atty. Docket No.: 4351-2US1

Sheet 1 of 1

Serial No. 09/990,635

**INFORMATION DISCLOSURE STATEMENT  
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Applicant: Vithana

Filing Date: November 21, 2001

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**U.S. PATENT DOCUMENTS**

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| <i>SL</i>                | 6,177,967 B1         | 1/23/01           | Pfeiffer et al.       |                 |                | September 28, 1998            |
| <i>J</i>                 | 5,585,948            | 12/17/96          | Petera                |                 |                | February 22, 1995             |
| <i>SL</i>                | 5,883,684            | 3/16/99           | Millikan et al.       |                 |                | June 19, 1997                 |
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| <del>NOT INITIALED</del> | <del>5,490,003</del> | <del>2/6/96</del> | <del>Van Sprang</del> | <del>4351</del> | <del>109</del> | <del>October 21, 1993</del>   |

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|-----------------------|--------------------|------|---------|-------|----------|-----------------------|
|-----------------------|--------------------|------|---------|-------|----------|-----------------------|

**OTHER DOCUMENTS****\*\*EXAMINER INITIAL** (Including Author, Title, Date, Pertinent Pages, Etc.)*SL*

Wu et al., "Mixed Mode Twisted Nematic Liquid Crystal Cells For Reflective Displays", Appl. Phys. Lett. 68 (11), March 11, 1996.

*SL*

K.H. Yang, "LP-B: A Self-Compensated Twisted Nematic Mode For Reflective Light Valves", Euro Display, pp. 449-451, 1996.

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